American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended November 10, 1989 NO. 45

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/10/89	Last Week Ending: 11/03/89	Last Year Week Ending: 11/11/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,299	13,561	13,026	-262	273
Operable capacity	15,576	15,576	15,922	0	-346
Percent operated	85.4	87.1	81.8		
Motor Gasoline					
Total motor gasoline production	6,869	6,932	6,812	-63	57
Finished leaded motor gasoline production	518	606	1,150	-88	-632
Finished unleaded motor gasoline production	6,351	6,326	5,662	25	689
Total motor gasoline stocks	218,340	222,849	212,007	-4,509	6,333
Finished leaded motor gasoline stocks	18,838	19,835	38,010	-997	-19,172
Finished unleaded motor gasoline stocks	160,114	164,881	137,958	-4,767	22,156
Jet Fuel Kerosine					
Jet fuel kerosine production	1,228	1,352	1,153	-124	75
Jet fuel kerosine stocks	44,279	43,417	41,108	862	3,171
Distillate Fuel Oil					
Distillate fuel oil production	2,978	3,043	2,691	-65	287
Distillate fuel oil stocks	122,400	120,581	124,839	1,819	-2,439
Residual Fuel Oil					
Residual fuel oil production	1,110	1,076	910	34	200
Residual fuel oil stocks	49,860	50,262	40,258	-402	9,602
Imports					
Crude oil imports	5,862	6,021	5,841	-159	21
Product imports	1,832	2,261	2,419	-429	-587
Crude Oil Stocks					
Crude oil stocks	343,419	341,376	336,411	2,043	7,008
Crude Supply Balance	220				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,526	1,321	1,321	1,325	99.7
Appal. No. 1	110	98	98	109	89.9
DISTRICT 1 TOTAL	1,636	1,419	1,419	1,434	99.0
Ind., Ill., Ky.	1,831	1,676	1,692	2,198	77.0
Minn., Wisc., Dak.	328	328	328	337	97.3
Okla., Kans., Mo.	689	602	612	730	83.8
DISTRICT 2 TOTAL	2,848	2,606	2,632	3,265	80.6
Inland Texas	576	508	508	555	91.5
Texas Gulf Coast	3,481	2,946	2,946	3,477	84.7
La. Gulf Coast	2,721	2,453	2,493	2,938	84.9
N. La. and Ark.	142	125	125	247	50.6
New Mexico	77	71	71	76	93.4
DISTRICT 3 TOTAL	6,997	6,103	6,143	7,293	84.2
DISTRICT 4 TOTAL	510	470	470	546	86.1
DISTRICT 5 TOTAL	2,708	2,538	2,635	3,038	86.7
TOTAL U.S.	14,699	13,136	13,299	15,576	85.4
TOTAL U.S. Weeks Ended:					
NOV. 3, 1989	14,856	13,309	13,561	15,576	87.1
NOV. 11, 1988	13,950	12,933	13,026	15,922	81.8
DISTRICTS 1-4 Weeks Ended:					
NOV. 10, 1989	11,991	10,598	10,664	12,538	85.1
NOV. 3, 1989	12,034	10,687	10,875	12,538	86.7
NOV. 11, 1988	11,409	10,415	10,500	12,691	82.7

API WEEKLY STATISTICAL BULLETIN

Week Ended November 10, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	760	2	758	30	76	376	141
Appal. No. 1	39	3	36	--	--	34	5
DISTRICT 1 TOTAL	799	5	794	30	76	410	146
Ind., Ill., Ky.	1,076	25	1,051	7	81	453	46
Minn., Wisc., Daks.	194	21	173	1	19	82	7
Okla., Kans., Mo.	378	52	326	8	31	168	7
DISTRICT 2 TOTAL	1,648	98	1,550	16	131	703	60
Inland Texas	262	26	236	31	29	123	9
Texas Gulf Coast	1,532	47	1,485	36	315	614	251
La. Gulf Coast	1,150	18	1,132	18	308	514	157
N. La. and Ark.	41	6	35	2	1	35	9
New Mexico	44	13	31	12	1	17	1
DISTRICT 3 TOTAL	3,029	110	2,919	99	654	1,303	427
DISTRICT 4 TOTAL	243	70	173	14	28	141	9
DISTRICT 5 TOTAL	1,150	235	915	50	339	421	468
TOTAL U.S.	6,869	518	6,351	209	1,228	2,978	1,110
TOTAL U.S. Weeks Ended:							
NOV. 3, 1989	6,932	606	6,326	208	1,352	3,043	1,076
NOV. 11, 1988	6,812	1,150	5,662	178	1,153	2,691	910
DISTRICTS 1-4 Weeks Ended:							
NOV. 10, 1989	5,719	283	5,436	159	889	2,557	642
NOV. 3, 1989	5,706	411	5,295	162	998	2,625	641
NOV. 11, 1988	5,670	871	4,799	123	852	2,266	510

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,808	27	4,780	1	113	651	7,598	864	--
Central Atlantic	28,366	211	23,764	4,391	802	5,383	31,396	19,788	13,390
Lower Atlantic	31,040*	1,430	29,392*	218	444	5,559	14,570	2,836	532
DISTRICT 1 TOTAL	64,214*	1,668	57,936*	4,610	1,359	11,593	53,564	23,488	13,922
DISTRICT 2 TOTAL	57,255	6,421	42,900	7,934	901	8,359	28,069	3,207	19,578
DISTRICT 3 TOTAL	60,571	3,003	40,397	17,171	1,960	17,100	28,326	14,301	51,217
DISTRICT 4 TOTAL	6,691	1,713	3,097	1,881	385	728	2,587	455	2,404
DISTRICT 5 TOTAL	29,609	6,033	15,784	7,792	1,627	6,499	9,854	8,409	25,013
TOTAL U.S.	218,340	18,838	160,114	39,388	6,232	44,279	122,400	49,860	112,134
TOTAL U.S. Weeks Ended:									
NOV. 3, 1989	222,849*	19,835	164,881*	38,133	6,120	43,417	120,581	50,262	110,882
NOV. 11, 1988	212,007	38,010	137,958	36,039	6,434	41,108	124,839	40,258	110,778
DISTRICTS 1-4 Weeks Ended:									
NOV. 10, 1989	188,731	12,805	144,330	31,596	4,605	37,780	112,546	41,451	87,121
NOV. 3, 1989	193,096*	13,858	148,467*	30,771	4,399	37,164	110,486	42,730	86,083
NOV. 11, 1988	183,470	31,398	123,065	28,507	4,398	33,469	113,459	32,046	82,766

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

WEEKLY STATISTICAL BULLETIN
Week Ended November 10, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 10, 1989	4,551.0	4,691.0	5,649	492	260,775
NOV. 3, 1989	4,577.0*	--	5,655*	464	265,667
OCT. 27, 1989	4,577.0*	--	6,636	577	261,921
OCT. 20, 1989	4,577.0*	--	4,861	560	256,794
DISTRICT 5 TOTAL					
NOV. 10, 1989	2,928.0	2,869.0	213	9	82,644 #
NOV. 3, 1989	2,892.0*	--	366	6	75,709
OCT. 27, 1989	2,892.0*	--	308	15	83,442
OCT. 20, 1989	2,892.0*	--	291	16	79,660
TOTAL U.S.					
NOV. 10, 1989	7,479.0	7,560.0	5,862	501	343,419 #
NOV. 3, 1989	7,469.0*	--	6,021*	470	341,376
OCT. 27, 1989	7,469.0*	--	6,944	587	345,363
OCT. 20, 1989	7,469.0*	--	5,152	576	336,454
NOV. 11, 1988	8,023.0 a/	--	5,841	759	336,411

#INCLUDES 18,433 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for November 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	1988 Averages Positive	1988 Averages Negative
NOV. 10, 1989	220	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 10, 1989	12,825	72,237	163,841	11,872	260,775	82,644 #	343,419 #
NOV. 3, 1989	14,875	75,252	163,518	12,022	265,667	75,709	341,376
NOV. 11, 1988	17,546	68,160	158,329	11,650	255,685	80,726	336,411

[1]See definitional notes, Page 6.

* See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	60	--	60	--	--	--	186	85	1	1	--	333
Central Atlantic	180	--	180	--	--	--	110	209	26	120	53	698
Lower Atlantic	21	--	21	--	--	11	37	--	--	--	16	85
DISTRICT 1 TOTAL												
NOV. 10, 1989	261	--	261	--	--	11	333	294	27	121	69	1,116
NOV. 3, 1989	489	--	489	122	--	19	296	404	18	143	11	1,502
OCT. 27, 1989	295	--	295	117	--	27	195	696	6	75	8	1,419
OCT. 20, 1989	495	--	495	43	--	29	217	449	33	65	82	1,413
DISTRICTS 2-4 TOTAL												
NOV. 10, 1989	39	--	39	--	46	9	14	9	155	354	51	677
NOV. 3, 1989	44	--	44	28	4	20	40	17	217	237	78	685
OCT. 27, 1989	5	--	5	62	4	19	8	24	160	178	70	530
OCT. 20, 1989	8	--	8	6	46	14	4	15	142	225	66	526
DISTRICT 5 TOTAL												
NOV. 10, 1989	12	--	12	--	--	--	2	8	6	9	2	39
NOV. 3, 1989	21	--	21	9	--	20	3	10	9	2	--	74
OCT. 27, 1989	19	--	19	9	--	2	1	56	8	29	--	124
OCT. 20, 1989	29	--	29	--	--	2	2	4	7	--	--	44
TOTAL U.S.	312	--	312	--	46	20	349	311	188	484	122	1,832
TOTAL U.S. Weeks Ended:												
NOV. 3, 1989	554	--	554	159	4	59	339	431	244	382	89	2,261
OCT. 27, 1989	319	--	319	188	4	48	204	776	174	282	78	2,073
OCT. 20, 1989	532	--	532	49	46	45	223	468	182	290	148	1,983
NOV. 11, 1988	488	3	485	69	3	35	249	706	323	334	212	2,419

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	OCTOBER 1989	SEPTEMBER 1989 r/	JUNE 1989
Florida	19.0	18.0	20.0
New York-Pennsylvania	8.0	7.0	10.0
Virginia	0.0	0.0	0.0
West Virginia	6.0	6.0	6.0
Illinois	58.0	57.0	59.0
Indiana	8.0	7.0	9.0
Kansas	146.0	145.0	153.0
Kentucky	12.0	12.0	15.0
Michigan	55.0	55.0	59.0
Missouri-Tennessee	2.0	2.0	1.0
Nebraska	17.0	16.0	18.0
Ohio	26.0	25.0	31.0
Oklahoma	319.0	319.0	320.0
North Dakota	98.0	98.0	98.0
South Dakota	4.0	4.0	4.0
Alabama	56.0	55.0	56.0
Arkansas	30.0	29.0	32.0
Mississippi	77.0	76.0	78.0
New Mexico-So. East	168.0	168.0	169.0
New Mexico-Other	18.0	18.0	16.0
North Louisiana	60.0	60.0	60.0
South Louisiana	1,012.0	1,015.0	1,022.0
Total Louisiana	1,072.0	1,075.0	1,082.0
Texas			
District 1	48.0	48.0	49.0
District 2	56.0	58.0	63.0
District 3	201.0	209.0	210.0
District 4	62.0	64.0	67.0
District 5	31.0	32.0	35.0
District 6, East Texas	104.0	105.0	110.0
Other	86.0	88.0	87.0
District 7-B	81.0	82.0	81.0
District 7-C	75.0	75.0	80.0
District 8 and 8-A	1,015.0	1,030.0	1,043.0
District 9	78.0	79.0	80.0
District 10	39.0	40.0	42.0
Total Texas	1,876.0	1,910.0	1,947.0
Colorado	84.0	84.0	85.0
Montana	54.0	55.0	59.0
Utah	70.0	69.0	68.0
Wyoming	294.0	295.0	296.0
Total Districts 1-4	4,577.0	4,605.0	4,691.0
Alaska	1,883.0	1,877.0	1,861.0
Arizona	0.0	0.0	0.0
California	1,000.0	1,000.0	999.0
Nevada	9.0	9.0	9.0
Total District 5	2,892.0	2,886.0	2,869.0
TOTAL U.S.	7,469.0	7,491.0 r/	7,560.0

r/ Revised: Data currently displayed are based on reported volumes from 38 producing companies. These volumes are estimated to represent 57.6% of lower 48 states production. When combined with reported Alaskan data, the sample represents 68.2% of total U.S. production in September.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 10, 1989

REVISIONS

11/03/89	PAGE 3	TOTAL MGAS	LOWER ATLANTIC	31,018
			DISTRICT 1 TOTAL	65,383
			TOTAL U.S.	222,849
			DISTRICTS 1-4	193,096
		UNLEADED MGAS	LOWER ATLANTIC	29,201
			DISTRICT 1 TOTAL	59,009
			TOTAL U.S.	164,881
			DISTRICTS 1-4	148,467
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,655
			TOTAL U.S.	6,021